

PIPE PAL 1

OPERATING INSTRUCTIONS

OVERVIEW

PIPE PAL 1 is a text generator and digital video recorder. It combines ease of use with high quality recording onto USB Flash Drives.

TEXT GENERATOR OPERATION

Plug the keyboard into the unit before turning power on.

The text generator is designed to allow display of up to 8 lines of 32 characters each. The text is positioned so as to not interfere with the standard display of date, time and distance counter on the screen. The unit can store up to ten pages of text. It is designed to allow a “header page” to be stored, which contains the standard information for a particular job type; for example

ABC Pipe & Drain. Ph 021 234 567

Client Name:

Address:

Operator:

Job Ref #:

Description:

Notes:

When the operator loads this page, the cursor will blink at the end of the top line. Each time the Enter key is pressed, the cursor will move to the end of text on the next line down, allowing information to be entered as if filling out a form. The cursor may also be positioned with the Home, End and arrow (↑, ↓, ←, →) keys. BackSpace deletes the character to the left of the cursor. Del deletes the character the cursor is on. Ctrl + Del deletes from the cursor to the end of the line. Ctrl + Enter creates a blank line above the line the cursor is on. When typing, the cursor stops at the end of the line, to prevent the format of the page being changed.

When the unit is turned on, the screen is blank. Press the SpaceBar to reveal the cursor. The cursor must be on screen to perform any typing or control functions.

Control Functions

LOAD PAGE. Press Alt + a number (0 → 9) to load a page from memory. All data on the screen will be lost unless you save the current page first.

SAVE PAGE. Press Ctrl + Alt + a number (0 → 9) to save the page currently on the screen to memory. The page will remain stored even after power is turned off.

TEXT APPEARANCE. There are seven display styles with different text colour, border and backgrounds. Press Ctrl + a number (1 → 7) to change the appearance. At power on, the appearance will default to Ctrl + 1, white text with a black border on a shaded background.

HIDE CURSOR and TEXT. Press Esc to hide the cursor, and again to hide the text. Pressing SpaceBar will reveal the text and cursor again.

HELP SCREEN. Press F1 to display the help screen and Esc to exit the help screen. Text that was on the screen before the help screen is restored when help is exited.

If the text generator or recorder become non-responsive or behave unexpectedly, turn power off for ten seconds and turn back on again. For technical assistance call Video Engineering on +64 9 3099 092.

RECORDER OPERATION.

The digital recorder stores H.264 encoded MPEG4 video clips in a folder named "VIDEO" on a standard USB flash drive.

To make a recording:

- 1/** Turn the recorder on by pressing the RECORDING TYPE button. Then plug in a flash drive. After a few seconds the BUSY/READY light should be blue, indicating the recorder is ready to record.
- 2/** Press the RECORDING TYPE button again as necessary to select the type of file to be recorded. Select PC if the file is intended to be viewed directly on a PC or laptop. Select DVD if the file will be burnt to DVD for viewing on a TV screen. Select WEB for a smaller file size at reduced quality (suitable for e-mail or WEB streaming). Either file type can actually be used for either purpose, but will give better results for its intended purpose.
- 3/** Press the RECORD button to begin recording. The minimum duration of a recording is 30 seconds. The BUSY/READY light should be red to indicate a video clip is being recorded.
- 4/** Press the RECORD button again to end the recording. After a short while the BUSY/READY light should turn blue. (Note. The longer the recording was, the longer it will take for the BUSY/READY light to turn blue). The unit is now ready to make another recording, or the flash drive can be removed, or the unit can be turned off. If the recording is stopped within 30 seconds of being started then it will continue until 30 seconds have elapsed before the BUSY/READY light turns blue.

If the BUSY/READY light continues to flash red after a drive is connected, try removing and reconnecting the drive, else try a different drive.

Should the recorder not turn on with a drive already plugged in to it, remove the drive, power down the unit for ten seconds and then try again, following the above instructions.

A 1Gig drive can store approximately 45 minutes of video at the highest quality.

Ensure you have sufficient drive space before recording.

Video clips can be viewed on a PC with a media player program such as VLC

(<http://www.videolan.org/vlc/>) and burnt to DVD with programs such as DVDVideoSoft Free Studio

(<http://www.dvdvideosoft.com/free-dvd-video-software.htm>)

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